

PI 562612 to 562619-continued

- PI 562618 **origin:** United States. **developed:** F.L. Patterson, F.B. Maas III, J.E. Foster, R.H. Ratcliffe, S. Cambron, G. Safranski, P.L. Taylor, H.W. Ohm. **origin institute:** Indiana Agric. Exp. Station/USDA-ARS, Purdue University, West Lafayette, Indiana 47907 United States. **origin institute id:** IN841453H15-1-1-1-1-2. **cultivar:** LOLA. **pedigree:** Newton-207*4/Luso. **remarks:** Resistance gene H12H12 is a single-gene resistance to Hessian fly in a background of Newton hard red winter wheat. Developed by 2-6 backcrosses to a single typical plant of Newton, selection 207 or its selfed progeny, followed by 3-5 generations of plant selection. Tested to biotypes B, C, D & L of Hessian fly to verify recovery of typical resistant reactions. Tested as seedlings in growth chambers at 18 deg. C. Reactions were typical. Adequate winterhardiness testing in many areas of US for determining the value of individual genes providing resistance to Hessian fly. Breeding Material. Seed.
- PI 562619 **origin:** United States. **developed:** F.L. Patterson, F.B. Maas III, J.E. Foster, R.H. Ratcliffe, S. Cambron, G. Safranski, P.L. Taylor, H.W. Ohm. **origin institute:** Indiana Agric. Exp. Station/USDA-ARS, Purdue University, West Lafayette, Indiana 47907 United States. **origin institute id:** IN85141B1-2-2. **cultivar:** MOLLY. **pedigree:** Newton-207*7/3/KU212-19/Eagle//KS806. **remarks:** Resistance gene H13H13 is a single-gene resistance to Hessian fly in a background of Newton hard red winter wheat. Developed by 2-6 backcrosses to a single typical plant of Newton, selection 207 or its selfed progeny, followed by 3-5 generations of plant selection. Tested to biotypes B, C, D & L of Hessian fly to verify recovery of typical resistant reactions. Tested as seedlings in growth chambers at 18 deg. C. Reactions were typical. Adequate winterhardiness testing in many areas of US for determining the value of individual genes providing resistance to Hessian fly. Breeding Material. Seed.

PI 562620. *Lactuca sativa* L. ASTERACEAE Lettuce

Donated by: Royal Sluis, Koninklijke, Zaaizaadbedrijven, Gebroeders Sluis, B.V., Netherlands. Received September 28, 1992.

origin: Netherlands. **origin institute:** Royal Sluis, Koninklijke, Zaaizaadbedrijven, Gebroeders Sluis, B.V. Netherlands. **cultivar:** ENCORE. **other id:** PVP 9200258. **source:** Pending. **group:** PVPO. **patent:** PVPO. Cultivar. Seed.